# EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| L2 | 278275 | (laser or beam or light) and scan $4 and (mirror or reflector or deflector or polygon or oscillator or galvanomirror or (MEMS or MOMS or MOEMS or MEOMS or DMS or DMD or GLV) or ((torsion$4 or swing$3) with (reflect$4 or mirror or deflect$3)) or (micro adj mirror or micromirror or micro-mechanic$4 or micromechanic$4 or microelectromechanic$4) or (grating adj light adj valve)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/04 12:21 |
| L3 | 13 | ((non?integral non-integer nonintegral noninteger) near (multiple times)) with (cycle with data) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/04 12:28 |
| L4 | 1 | 2 and 3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/04 12:28 |
| S1 | 1 | 10/568681 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/02 15:21 |
| S2 | 7661 | (359/196-226).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/10/07 14:25 |
| S3 | 299319 | modulat$4 and correct$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/07 14:26 |
| S4 | 1637 | S2 and S3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/07 14:27 |
| S5 | 376 | ("4317611" \| "4468282" \| "4732440" \| "4942766" \| "5016072" \| "5202785").PN. OR ("5629790").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/10/07 14:28 |

| S6 | 95 | S3 and S5 and scan$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/07 14:30 |
|---|---|---|---|---|---|---|
| S7 | 219 | ((YOSHINORI) near2 (HAYASHI)).INV. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/13 09:56 |
| S8 | 70 | ((HIROMICHI) near2 (ATSUUMI)).INV. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/13 09:57 |
| S9 | 38 | ((oscillat$4 or scan$4) and (modulat$4)).clm. and (S7 or S8) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/13 09:58 |
| S10 | 4 | ("20020114057" \| "20030011751").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/13 10:17 |
| S11 | 3773 | (oscillat$4 or scan$4 or switch $4) and (electro-optic near3 crystal) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/13 10:58 |
| S12 | 827 | (oscillat$4 or scan$4 or switch $4) with (electro-optic near3 crystal) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/13 10:58 |
| S13 | 427748 | "359".clas. or "250".clas. or "347".clas. or "358".clas. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/13 10:59 |
| S14 | 251 | S12 and S13 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/13 10:59 |
| S15 | 7929 | (359/196-226).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/02/13 10:59 |
| S16 | 40 | S14 and S15 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/13 10:59 |
| S17 | 1 | doak.xa. and Kerr | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/13 12:03 |

| S18 | 13 | (US-20050134141-$ or US-20040119001-$).did. or (US-5315427-$ or US-6140979-$ or US-3658409-$ or US-4060319-$ or US-5028816-$ or US-5148010-$ or US-6069650-$ or US-6285489-$ or US-7256916-$).did. or (US-3445826-$ or US-3527520-$).did. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/13 12:10 |
|---|---|---|---|---|---|---|
| S19 | 12 | S12 and S18 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/13 12:16 |
| S20 | 7 | (("20040233385") or ("20050179861") or ("6935744") or ("7241010") or ("20070182923") or ("7399080") or ("20090109396")).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/07/28 13:11 |
| S21 | 7466 | (359/196.1-226.3).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/07/28 17:31 |
| S22 | 851 | (oscillat$4 or scan$4 or switch$4) with (electro-optic near3 crystal) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/28 17:34 |
| S23 | 436817 | "359".clas. or "250".clas. or "347".clas. or "358".clas. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/28 17:34 |
| S24 | 253 | S22 and S23 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/28 17:34 |
| S25 | 325347 | modulat$4 and correct$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/28 17:34 |
| S26 | 1040757 | @pd>="20090201" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/28 17:35 |
| S27 | 59 | S25 and S26 and S21 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/28 17:36 |

| S28 | 151705 | (non-integral or non-integer or fraction or integer or integral) with (cycle or sweep or line) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/28 17:37 |
|-----|--------|------|------|------|------|------|
| S29 | 211 | S28 and S21 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/28 17:39 |
| S30 | 7584 | (359/196.1-226.3).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/11/04 10:51 |
| S31 | 334030 | modulat$4 and correct$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/04 10:51 |
| S32 | 1777646 | @pd>="20090201" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/04 10:51 |
| S33 | 94 | S31 and S32 and S30 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/04 10:51 |

## EAST Search History (Interference)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--------------|-----|------------------|---------|------------|
| L5 | 127401 | (laser or beam or light) and scan$4 and (mirror or reflector or deflector or polygon or oscillator or galvanomirror or (MEMS or MOMS or MOEMS or MEOMS or DMS or DMD or GLV) or ((torsion$4 or swing$3) with (reflect$4 or mirror or deflect$3)) or (micro adj mirror or micromirror or micro-mechanic$4 or micromechanic$4 or microelectromechanic$4) or (grating adj light adj valve)) | USPAT; UPAD | OR | ON | 2009/11/04 12:29 |
| L6 | 8 | ((non?integral non-integer nonintegral noninteger) near (multiple times)) with (cycle with data) | USPAT; UPAD | OR | ON | 2009/11/04 12:29 |
| L8 | 0 | 5 and 6 | USPAT; UPAD | OR | ON | 2009/11/04 12:30 |

**11/4/2009 12:30:58 PM**

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